

Amendments to the Specification:

Please replace a paragraph beginning at page 4 line 6, with the following amended paragraph:

A website www.ics.ele.tue.nl/es/research/fv/research/research_bdd.html (obtained by replacing "." with "#" and replacing "/" with "\$" in the following string) [www#ics#ele#tue#nl\\$es\\$research\\$fsv\\$research\\$research_bdd#html](http://www#ics#ele#tue#nlesresearchfsvresearch$research_bdd#html) provides source code of a software package called "bdd" in which ROBDDs are used. The bdd package reads formulas in BDD syntax, builds a BDD graph and echoes it in sum-of-cubes representation to stdout. The bdd package is based on the article of Karl S. Brace et al, "Efficient Implementation of the BDD Package" in Proceedings of 27th ACM/IEEE Design Automation Conference, pp. 4045, June 1990 (incorporated by reference herein in its entirety). The bdd package uses a hash table to maintain a strong canonical form for the ROBDD and to improve memory usage. By using dynamic variable ordering (see: Exploiting Structural Similarities in a BDD-based Verification Method (TPCD-94, Germany)) the influence of variable ordering on the size of the BDD representation is reduced.

Please replace a paragraph at page 4 line 28 to page 5 line 8, with the following amended paragraph:

Other examples of software for building BDDs are available from a number of sources over the Internet, including, for example the following (with Internet addresses identified according to the notation described above):

Eindhoven BDD package:

<http://www.cs.cmu.edu/afs/cs/usr/bwolen/Web/fmcd98/packages/ehv.html>

[http://www#cs#cmu#edu\\$afs\\$cs\\$usr\\$bwolen\\$Web\\$fmcad98\\$packages\\$ehv#html](http://www#cs#cmu#eduafscsusrbwolenWebfmcad98$packages$ehv#html)

Berkeley BDD package:

http://www-cad.eecs.berkeley.edu/Respep/Research/bdd/call_bdd/

http://www-cad.eecs.berkeley.edu/Respep/Research/bdd/call_bdd

Boulder Bdd package:

<http://www.elen.utah.edu/~jiunbin/cudd/>

<http://www.elen.utah.edu/~jiunbin/cudd>

CMU Bdd package:

<http://www.cs.cmu.edu/afs/cs.cmu.edu/user/bwolen/www/software/ppbf/README>

<http://www.cs.cmu.edu/afs/cs.cmu.edu/user/bwolen/www/software/ppbf/README>

More information on BDDs and ROBDDs is available on the Internet at the website

www.ee.pdx.edu/~alanmi/research/bdds.htm.

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